

	♂ ad., type. mm.	♂ ad., typical locality. mm.
Skull ( <i>con.</i> ):		
Orbital constriction .....	..	2.4
Palatal bridge .....	..	2.7
Med. post. point of palate to front of pre-maxilla .....	..	6
Med. post. point of palate to for. magnum..	..	9.1
Mandible: condyle to front of incisors .....	..	12.3
Teeth:		
Front of upper canine to back of $m^3$ .....	..	7
Front of lower canine to back of $m_3$ .....	..	7.5

## BIBLIOGRAPHICAL NOTICE.

*Smithsonian Institution: United States National Museum. Special Bulletin. American Hydroids.*—Part II. *The Sertularidæ.* With 41 Plates. By CHARLES CLEVELAND NUTTING, Professor of Zoology, University of Iowa. Washington: Government Printing Office, 1904. Sm. fol. Pp. 151. Index, pp. 316-3.5.

THE first volume of this work included the Plumularidæ, which had been supposed to be a much larger family than the Sertularidæ, of which latter family only about 20 American species had been mentioned in any single work. But by bringing together the scattered literature and by the description of upwards of 30 new forms Prof. Nutting has been able to describe and in most cases to figure as many as 130 species in the present work. We are pleased to see that he has been largely assisted by contributions of specimens and literature by the authorities of the British Museum (for portions of a number of Allman's 'Challenger' types) and numerous co-workers in Europe and America.

The work commences with an essay (with good text-illustrations) on the Morphology of the Sertularidæ, which is considered to be zoologically a lower family than the Plumularidæ, and which has hitherto been somewhat neglected. The various classifications are then discussed, and tables of genera and of the geographical distribution of the species are given. Then follows the systematic portion of the work, with full descriptions of the genera and species, the latter being tabulated under each genus and afterwards dealt with under the heads of Synonymy, Trophosome, Gonosome, Distribution, and Remarks. The collection in which the type is contained is also frequently indicated. The work concludes with an annotated Bibliography, a list of works to which reference is made in the synonymy in the systematic part of this work, but which have not been consulted by the author, and the explanation of plates, preceding the plates themselves. It forms a handsome volume, and appears to be an excellent piece of work.